

IMPROVED ELECTRONIC DELAY ELEMENT

5 ABSTRACT OF THE DISCLOSURE

A delay element for use in circuit designs. The delay element accepts an input signal, typically a clock signal, and provides a delay of that signal to adjust path timing such as is used for the clocking of imbedded arrays of integrated circuits. By using uniform channel length devices, the delay element provides
10 enhanced tuning and tracking of device parameters of the timing circuit as well as simplifying modeling of the delay element circuit.